

STATE OF ALABAMA

Information Technology Policy

Policy 680-03: Encryption

OBJECTIVE:

Define the minimum security controls for the application and protection of encryption technologies.

SCOPE:

This policy applies to all users (State of Alabama employees, contractors, vendors, and business partners) of any State-managed information system resources.

RESPONSIBILITIES:

Utilize encryption to protect sensitive and confidential systems and information as required in applicable State standards.

State encryption technologies shall use proven industry standard algorithms specified in applicable State standards to be reviewed annually and upgraded as necessary.

Minimum cryptosystem key lengths shall be specified in applicable State standards to be reviewed annually and upgraded as necessary.

Agency security plans and operating procedures that include encryption as a technical control shall include defined key management procedures that specify key generation, storage, distribution, rotation, recovery, and zeroization.

ENFORCEMENT:

Refer to Information Technology Policy 600-00: Information Security.

http://isd.alabama.gov/policy/Policy_600-00_Information_Security.pdf

ADDITIONAL INFORMATION:

DEFINITIONS: Refer to Information Technology Dictionary

http://isd.alabama.gov/policy/IT_Dictionary.pdf

Signed by Jim Burns, Chief Information Officer

DOCUMENT HISTORY:

Version	Release Date	Comments
Original	6/8/2006	